

ABSTRACT

It is an object of the present invention to provide a pretreatment method for coating, which places a less burden on
5 the environment and can apply good chemical conversion treatment to all metals such as iron, zinc and aluminum.

A pretreatment method for coating comprising
treating a substance to be treated with a chemical
conversion coating agent to form a chemical conversion coat,
10 wherein the chemical conversion coating agent comprises at least one kind selected from the group consisting of zirconium, titanium and hafnium and fluorine,
the chemical conversion coat has a fluorine concentration of 10% or less on the atom ratio basis, and
15 at least a part of the substance to be treated is an iron material.